

DPO MILL EQUIPMENT LISTING SEPTEMBER 1, 2015

Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
CRUSHING				
AA-201	Air Dryer			Louvicourt
AC-201	Belt Magnet			Louvicourt
AT-201	Apron Feeder	Nico Model FD-4275, 36" X 10'	W-4878	USED MARKET
AV-201	Vibrating Feeder	Simplicity / Terex 45" x 20' VGF	4520-OF120C-6039	USED MARKET
BA-201	SAG Mill Feed Weigh Scale	Milltronics	MIC002CM1830	Louvicourt
CC-201	Jaw Crusher Discharge Conveyor	42" X 45'		New
CC-202	Coarse Ore Bin Feed Conveyor	36" X 340'		New
CC-203	SAG Mill Feed Conveyor	30" X 160'		New
CH-201	Jaw Crusher Feed Chute			Fabrication
CH-202	Jaw Crusher Discharge Chute			Fabrication
CH-203	Transfer Chute			Fabrication
CH-204	Coarse Ore Bin Feed Chute			Fabrication
CH-205	Apron Feeder Feed Chute			Fabrication
CH-206	Apron Feeder Dribble Chute			Fabrication
CH-207	Apron Feeder Discharge Chute			Fabrication
CM-201	Jaw Crusher	Terex Cedar Rapids JW3042	53901	USED MARKET
GR-201	Surge Bin Grizzly			Fabrication
MB-201	Rock Breaker	Teledyne TM20XH/TB925X	3426-931	Louvicourt
PR-201	Coarse Ore Bin Monorail Hoist			Louvicourt
RP-201	Air Receiver			Louvicourt
RP-202	Instrument Air Receiver			Louvicourt
RS-201	Bin Liners			Fabrication
SI-201	Crusher Surge Bin	75 tonnes capacity		Fabrication
SI-202	Coarse Ore Bin	1500 tonnes (live)		Fabrication
SX-201	Dust Collector Extraction Fan Muffler			New
UD-201	Crusher Dust Collection Baghouse	Wheelabrator: Size 1215 TA-SB Model 120 Series	20-5021A	New
VE-201	Dust Collector Extraction Fan	Cincinnati Fan HBDI - 240	608559	New
VR-201	Dust Collector Rotary Valve			
	Sump Trough			

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GRINDING				
AG-341	Flash Flotation Agitator			Louvicourt
BO-301	Vibrating Screen Feed Box			Louvicourt
BP-301	SAG Mill Discharge Pump Box	6,5 m3		Fabrication
BP-311	Ball Mill Discharge Pump Box			
BR-301	SAG Mill (2250 HP)	Hardinge 20' x 6' (1966)		USED MARKET
BR-311	Ball Mill (2250 HP)	Nordberg: 14' x 20'-8" (1966)	GM-413	USED MARKET
	Flash Flotation Cell	8,5 m3		Louvicourt
CH-300	SAG Mill Feed Conveyor Head Chute			Fabrication
CH-301	SAG Mill Retractable Chute			Fabrication
CH-302	Screen Oversize Chute			Fabrication
CH-303	Screen Undersize Chute (included with screen)			Louvicourt
CH-304	SAG Mill Discharge Chute			Fabrication
CH-305	SAG Mill Ball Feed Chute			Fabrication
CH-306	Ball Bucket Feed Chute			NEW
CH-307	Ball Bucket Feed Chute			NEW
CH-308	Ball Mill Feed Spout			Fabrication
CH-310	Ball Mill Ball Feed Chute			Fabrication
CH-311	Ball Mill Feed Chute			Fabrication
CH-312	Ball Mill Discharge Chute			
CY-301	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-302	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-303	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-304	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-305	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-306	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-307	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-308	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-309	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-310	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
CY-311	Ball Mill Cyclone	Warman 250CVX10		Louvicourt
DT-301	Diverter Box			New
EC-301	Mill Feed Primary Sampler	Arcual 3640	3975	Louvicourt
EC-302	Mill Feed Secondary Sampler	Arcual 1850	3979	Louvicourt
EC-700	In-Line Flash Flotation Concentrate Sampler	In Line (4")		New
EC-701	Copper Rougher Flotation Feed Sampler	In Line 10"		New
GO-302	Ball Mill Ball Bucket			Modif. By Louvicourt
GO-303	SAG Mill Ball Bucket			Modif. By Louvicourt

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LA-331	Pressure Washer	MS 3056-600		Louvicourt
LS-301	SAG Mill Lubrication System	Engrenage Provincial	017EP272	
LS-311	Ball Mill Lubrication System	Mine and Smelter	113790	
MR-301	SAG Mill Liner Handler	Mclellan 3000	MLH1431088	Louvicourt
PE-300	Grinding Area Sump Pump	Toyo DEC-51-80-5E-60-HC-V	D-30196	Louvicourt
PH-301	SAG Mill Lubrication System (Low Pressure)	Pump: Commercial P350C44CEAB15-11	Project#: 017EP272	Engrenage Provincial
PH-302	SAG Mill Lubrication System (Low Pressure)	Pump: Commercial P350C44CEAB15-12	Project#: 017EP272	Engrenage Provincial
PH-303	SAG Mill Lubrication System (High Pressure)	Pump: Commercial 308-9146-00A	Project#: 017EP272	Engrenage Provincial
PH-311	Ball Mill Lubrication System (High Pressure)	Pump: Simplex PES6036	Project#: 017EP232	Engrenage Provincial
PH-312	Ball Mill Lubrication System (Low Pressure)	Pump: Vickers V2010F7S4S1AA12	Project#: 017EP232	Engrenage Provincial
PP-301	SAG Mill Discharge Pump	Weir 125MCHGGMSS	MDS26545	NEW
PP-302	SAG Mill Discharge Pump	Weir 125MCHGGMSS	MDS26546	NEW
PP-311	Ball Mill Discharge Pump	Warman 8 x 6 AH	MDS15736M	Louvicourt
PP-312	Ball Mill Discharge Pump	Warman 8 x 6 AH	1002836	Louvicourt
PR-301	Grinding Area Overhead Crane	20/5 tonne	Kone	USED
PR-302	SAG Liner Handler Jib Crane	XL200 /NR266958	NR266958	Louvicourt
PR-303	SAG Ram Handler Monorail	XL200 /NRR8356	NRR8356	Louvicourt
PR-304	Monorail/Magnet (Ball Loading)	LV41521	15251DVA9701	Louvicourt
SP-300	Grinding Area Sump Pump Base			Fabrication
SP-301	Ball Pit Sump Protection/Magnet Support			NEW
TA-301	SAG Mill Vibrating Screen	Trabor 6' X 16'	3514	Trabor
VE-301	SAG Mill Motor Cooling Fan	Buffalo Forge 805 AF		Louvicourt
VE-302	SAG Mill Pumpbox Extraction Fan	D/39 SQI 17LS	94-8907-1	Louvicourt
VE-312	Ball Mill Pumpbox Extraction Fan	D/39 SQI 17LS	94-8907-2	Louvicourt

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
COPPER ROUGHER FLOTATION				
AG-401	Cu Rougher Flotation Cell Agitator	Outokumpu		Louvicourt
AG-402	Cu Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-403	Cu Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-404	Cu Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-405	Cu Conditioner Tank Agitator	Hawyard Gordon STX-12	HG303222	New
AG-431	Cu Rougher Cleaner Flotation Cell Agitator	Outokumpu		Used/Refurbished (RevH)
AG-432	Cu Rougher Cleaner Flotation Cell Agitator	Outokumpu		Used/Refurbished (RevH)
AG-433	Cu Rougher Cleaner Flotation Cell Agitator	Outokumpu		Used/Refurbished (RevH)
AG-434	Cu Rougher Cleaner Flotation Cell Agitator	Outokumpu		Used/Refurbished (RevH)
BP-403	Cu Scavenger Concentrate Pump Box			NEW
BP-405	Cu Scavenger Tails Pump Box			Louvicourt
CF-401	Cu Rougher Flotation Cell	16 m ³ (Outokumpu)	741940-0-1	Louvicourt
CF-402	Cu Scavenger Flotation Cell	16 m ³ (Outokumpu)	741940-0-2	Louvicourt
CF-403	Cu Scavenger Flotation Cell	16 m ³ (Outokumpu)	741940-0-3	Louvicourt
CF-404	Cu Scavenger Flotation Cell	16 m ³ (Outokumpu)	741940-0-4	Louvicourt
CF-431	Cu Rougher Cleaner Flotation Cell	1,5 m ³		Used/Refurbished (RevH)
CF-432	Cu Rougher Cleaner Flotation Cell	1,5 m ³		Used/Refurbished (RevH)
CF-433	Cu Rougher Cleaner Flotation Cell	1,5 m ³		Used/Refurbished (RevH)
CF-434	Cu Rougher Cleaner Flotation Cell	1,5 m ³		Used/Refurbished (RevH)
EC-702	Cu Rougher Cleaner Feed Sampler	Pressure (thief 4")		Louvicourt
EC-703	Cu Rougher/Cleaner Concentrate In-line Sampler	In Line (6")		NEW
EC-704A	Cu Cleaning Circuit Feed Thief Sampler	Pressure (thief 6")		Louvicourt
EC-704A	Cu Cleaning Circuit Feed Thief Sampler	Pressure (thief 6")		Louvicourt
EC-705	Cu Scavenger Tails In-line Sampler	In Line (8")		NEW
EC-707A	Cu Circuit Tails Thief Sampler	Pressure (thief 6")		NEW
EC-707B	Cu Circuit Tails Thief Sampler	Pressure (thief 6")		NEW
PE-400	Cu Rougher Area Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PP-401	Rougher Cleaner Feed Tank Pump	Metso: VF80		NEW
PP-403	Cu Scavenger Concentrate Pump	8x6x18 SLR-C		KN
PP-404	Cu Scavenger Concentrate Pump	8x6x18 SLR-C		KN
PP-405	Cu Scavenger Tails Pump	AC 8 x 6 x 18 SRL-C-HD		Louvicourt
PP-406	Cu Scavenger Tails Pump	AC 8 x 6 x 18 SRL-C-HD		Louvicourt
PR-401	Flotation Area Overhead Crane	XL300 / NR264899	NR264899	Louvicourt
RE-401	Cu Conditioner Tank	2,600 m Ø x 3,4 m H		Fabrication
SP-400	Cu Rougher Area Sump Pump Base			Fabrication

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COPPER REGRIND				
BP-321	Cu Regrind Mill Cyclone Feed Pump Box			Louvicourt
BR-321	Cu Regrind Mill (900 HP)	Dominion 11' X 14' (1958)	340-604	Louvicourt
CH-320	Cu Regrind Mill Ball Feed Chute			Louvicourt
CH-321	Cu Regrind Mill Feed Chute			Louvicourt
CH-322	Cu Regrind Mill Discharge Chute			Louvicourt
CY-321	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-322	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-323	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-324	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-325	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-326	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-327	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-328	Cu Regrind Mill Cyclone	Krebbs: GMAX6-3193		NEW
CY-329	Cu Regrind Mill Cyclone			NEW
GO-301	Regrind Mills Ball Bucket		300-5608-1	Modif. By Louvicourt
LS-321	Cu Regrind Mill Lubrication System	Howard Marten Co.	Ref.# 39257	
PE-320	Cu Regrind Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PH-321	Cu Regrind Mill Lubrication Unit	700 AL DUPLEX		Louvicourt
PP-321	Cu Regrind Mill Cyclone Feed Pump	AC 10 x 8 x 21 SRL-C-HD		Louvicourt
PP-322	Cu Regrind Mill Cyclone Feed Pump	AC 10 x 8 x 21 SRL-C-HD		Louvicourt
RP-321	Cu Regrind Mill Clutch Air Receiver		89897	Louvicourt
SP-320	Cu Regrind Sump Pump Base			Fabrication
VE-321	Cu Regrind Mill Motor Cooling Unit	Jess HVAC B1P1-18	6/12/1976	Louvicourt
VE-322	Extraction Fan	D/39 SQI 17LS	94-8907-3	Louvicourt

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COPPER CLEANER FLOTATION				
AG-411	Cu 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-412	Cu 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-413	Cu 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-421	Cu Cleaner Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-422	Cu Cleaner Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-423	Cu Cleaner Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-441	Cu 3rd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-442	Cu 3rd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-443	Cu 3rd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-451	Cu 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-452	Cu 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-453	Cu 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-454	Cu 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
BP-411	Cu 1st Cleaner Concentrate Pump Box			NEW
BP-426	Cu Cleaner Scavenger Tails Pumpbox			NEW
BP-431	Final Cu/Pb Concentrate Pump Box		400-560-4	Louvicourt
BP-441	Cu 2nd Cleaner Concentrate Pump Box			Louvicourt
CF-411	Cu 1st Cleaner Flotation Cell	16 m ³ (Outokumpu)	741940-0-5	Louvicourt
CF-412	Cu 1st Cleaner Flotation Cell	16 m ³ (Outokumpu)	741940-0-6	Louvicourt
CF-413	Cu 1st Cleaner Flotation Cell	16 m ³ (Outokumpu)	741940-0-7	Louvicourt
CF-421	Cu Cleaner Scavenger Flotation Cell	8 m ³ (Outokumpu)	754499-0-2	Louvicourt
CF-422	Cu Cleaner Scavenger Flotation Cell	8 m ³ (Outokumpu)	754499-0-3	Louvicourt
CF-423	Cu Cleaner Scavenger Flotation Cell	8 m ³ (Outokumpu)	754499-0-4	Louvicourt
CF-441	Cu 3rd Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-11	Louvicourt
CF-442	Cu 3rd Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-12	Louvicourt
CF-443	Cu 3rd Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-13	Louvicourt
CF-451	Cu 2nd Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-14	Louvicourt
CF-452	Cu 2nd Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-15	Louvicourt
CF-453	Cu 2nd Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-16	Louvicourt
CF-454	Cu 2nd Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-17	Louvicourt
EC-706A	Cu Cleaner Scavenger Tails Thief Sampler	Pressure (thief 6")		Louvicourt
EC-706B	Cu Cleaner Scavenger Tails Thief Sampler	Pressure (thief 6")		Louvicourt
EC-708	Cu 3rd Cleaner Concentrate In Line Sampler	In Line (8")		NEW
EC-709A	Final Cu/Pb Concentrate Thief Sampler	Pressure (thief 6")		Louvicourt

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EC-709B	Final Cu/Pb Concentrate Thief Sampler	Pressure (thief 6")		Louvicourt
PE-430	Cu Cleaning Area Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PP-411	Cu 1st Cleaner Concentrate Pump	AC 8 x 6 x 18 SRL-C		Louvicourt
PP-412	Cu 1st Cleaner Concentrate Pump	AC 8 x 6 x 18 SRL-C		Louvicourt
PP-421	Cu Cleaner Scavenger Concentrate Tank Pump	Metso: VF80		NEW
PP-426	Cu Cleaner Scavenger Tails Pump	AC 8 x 6 x 18 SRL-C	42273	Louvicourt
PP-427	Cu Cleaner Scavenger Tails Pump	AC 8 x 6 x 18 SRL-C-HD		Louvicourt
PP-431	Final Cu/Pb Concentrate Pump	AC 8 x 6 x 18 SRL-C	42274	Louvicourt
PP-432	Final Cu/Pb Concentrate Pump	AC 8 x 6 x 18 SRL-C	37250	Louvicourt
PP-441	Cu 2nd Cleaner Concentrate Pump	8x6x18 SRL-C		KN
PP-442	Cu 2nd Cleaner Concentrate Pump	8x6x18 SLR-C		KN
PP-451	Cu 2nd Cleaner Tails Tank Pump	Metso VF100		NEW
SP-430	Cu Cleaning Area Sump Pump Base			Fabrication

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
COPPER - LEAD FLOTATION SEPARATION				
AG-407	Pb Conditioner Tank Agitator	Hayward Gordon STX-10	HG303224	NEW
AG-811	Pb Rougher Flotation Cell Agitator	Outokumpu		Louvicourt
AG-812	Pb Rougher Flotation Cell Agitator	Outokumpu		Louvicourt
AG-813	Pb Scavenger Floation Cell Agitator	Outokumpu		Louvicourt
AG-814	Pb Scavenger Floation Cell Agitator	Outokumpu		Louvicourt
AG-815	Pb Scavenger Floation Cell Agitator	Outokumpu		Louvicourt
AG-821	Pb 3rd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-822	Pb 3rd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-831	Pb 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-832	Pb 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-841	Pb 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-842	Pb 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
BP-814	Cu Concentrate Pump Box			Louvicourt
CF-811	Pb Rougher Flotation Cell	5 m ³ (Outokumpu)	754589-0-5	Louvicourt
CF-812	Pb Rougher Flotation Cell	5 m ³ (Outokumpu)	754589-0-6	Louvicourt
CF-813	Pb Scavenger Floation Cell	5 m ³ (Outokumpu)	754589-0-12	Louvicourt
CF-814	Pb Scavenger Floation Cell	5 m ³ (Outokumpu)	754589-0-13	Louvicourt
CF-815	Pb Scavenger Floation Cell	5 m ³ (Outokumpu)	754589-0-14	Louvicourt
CF-821	Pb 3rd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-1	Louvicourt
CF-822	Pb 3rd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-2	Louvicourt
CF-831	Pb 2nd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-3	Louvicourt
CF-832	Pb 2nd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-4	Louvicourt
CF-841	Pb 1st Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-15	Louvicourt
CF-842	Pb 1st Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-16	Louvicourt
EC-710A	Cu Concentrate Thief Sampler	Pressure (thief 6")		NEW
EC-710B	Cu Concentrate Thief Sampler	Pressure (thief 6")		NEW
EC-711	Pb Rougher Concentrate Thief Sampler	Pressure (thief 4")		Louvicourt
EC-712	Pb 1st Cleaner Tails Thief Sampler	Pressure (thief 4")		Louvicourt
EC-713	Pb Final Concentrate Thief Sampler	Pressure (thief 4")		Louvicourt
PE-800	Pb/Cu Flotation Area Sump Pump	Tusami 10 HP		Louvicourt
PE-810	Pb/Cu Flotation Area Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PP-811	Pb Rougher Concentrate Tank Pump	Metso VF80		NEW
PP-813	Pb Scavenger Concentrate Tank Pump	Metso VF80		NEW
PP-814	Cu Concentrate Pump	AC 8 x 6 x 18 SRL-C		Louvicourt
PP-815	Cu Concentrate Pump	AC 8 x 6 x 18 SRL-C		Louvicourt

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PP-821	Pb Final Concentrate Tank Pump	Metso VF50		NEW
PP-831	Pb 2nd Cleaner Concentrate Tank Pump	Metso VF80		NEW
PP-841	Pb 1st Cleaner Concentrate Tank Pump	Metso VF80		NEW
PP-842	Pb 1st Cleaner Tails Tank Pump	Metso VF80		NEW
RE-403	Pb Conditioner Tank	2,0 m Ø x 2,56 m H		NEW
SP-800	Pb/Cu Flotation Area Sump Pump Base			Fabrication
SP-810	Pb/Cu Flotation Area Sump Pump Base			Fabrication

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
ZINC ROUGHER FLOTATION				
AG-406	Zn Conditioner Tank Agitator (High Intensity)	Hayward Gordon MBX-57	HG303223	
AG-461	Zn Rougher Flotation Cell Agitator	Outokumpu		Louvicourt
AG-462	Zn Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-463	Zn Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-464	Zn Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-465	Zn Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
BP-463	Zn Flotation Tails Pump Box			Louvicourt
CF-461	Zn Rougher Flotation Cell	16 m ³ (Outokumpu)	741940-0-8	Louvicourt
CF-462	Zn Scavenger Flotation Cell	16 m ³ (Outokumpu)	741940-0-9	Louvicourt
CF-463	Zn Scavenger Flotation Cell	16 m ³ (Outokumpu)	741940-0-10	Louvicourt
CF-464	Zn Scavenger Flotation Cell	16 m ³ (Outokumpu)	741940-0-11	Louvicourt
CF-465	Zn Scavenger Flotation Cell	16 m ³ (Outokumpu)	741940-0-12	Louvicourt
CF-491	Zn Rougher Cleaner Flotation Column	1,2 m Ø x 10.0 m		NEW
CF-492	Zn Rougher Cleaner Flotation Column	1,2 m Ø x 10.0 m		NEW
DT-401	Zn Rougher Cleaner Flotation Column Feed Box			NEW
EC-714	Zn Rougher Cleaner Feed Sampler	Pressure (thief 4")		NEW
EC-715	Zn Rougher Cleaner Concentrate Thief Sampler	Pressure (thief 4")		NEW
EC-716	Zn Scavenger Concentrate Thief Sampler	Pressure (thief 6")		Louvicourt
EC-717A	Zn Scavenger Tails Thief Sampler	Pressure (thief 6")		NEW
EC-717B	Zn Scavenger Tails Thief Sampler	Pressure (thief 6")		NEW
PE-460	Zn Rougher Area Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PP-461	Zn Rougher Concentrate Tank Pump	Metso: VF80		NEW
PP-462	Zn Scavenger Concentrate Tank Pump	Metso VF150		NEW
PP-463	Zn Flotation Tails Pump	AC 8 x 6 x 18 SRL-C	42275	Louvicourt
PP-464	Zn Flotation Tails Pump	AC 8 x 6 x 18 SRL-C	42276	Louvicourt
PP-491	Zn Rougher Cleaner Concentrate Tank Pump	Metso VF50		NEW
PP-492	Zn Rougher Cleaner Tails Tank Pump	Metso VF80		NEW
PR-402	Flotation Area Overhead Crane	XL300 /NR264897	NR264897	Louvicourt
RE-402	Zn Conditioner Tank	2,6 m Ø x 3,36 m H		NEW
SP-460	Zn Rougher Area Sump Pump Base			Fabrication

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ZINC REGRIND				
BP-331	Zn Regrind Mill Cyclone Feed Pump Box			Louvicourt
BR-331	Zn Regrind Ball Mill (600 HP)	Allis Chalmers 9' X 14' (1965)	C-2220	Louvicourt
CH-330	Zn Regrind Mill Ball Feed Chute			Louvicourt
CH-331	Zn Regrind Ball Mill Feed Chute			Louvicourt
CH-332	Zn Regrind Ball Mill Discharge Chute			Louvicourt
CY-331	Zn Regrind Mill Cyclone	Krebbs: GMAX6-3193	G089388U	NEW
CY-332	Zn Regrind Mill Cyclone	Krebbs: GMAX6-3193	G089389U	NEW
CY-333	Zn Regrind Mill Cyclone	Krebbs: GMAX6-3193	G089390U	NEW
CY-334	Zn Regrind Mill Cyclone	Krebbs: GMAX6-3193	G089391U	NEW
CY-335	Zn Regrind Mill Cyclone	Krebbs: GMAX6-3193	G089392U	NEW
LS-331	Zn Regrind Mill Lubrication System	Howard Marten Co.	Ref.# 39257	
PE-330	Zn Regrind Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PH-331	Zn Regrind Ball Mill Lubrication Unit	70 SL DUPLEX		Louvicourt
PP-331	Zn Regrind Mill Cyclone Feed Pump	AC 8 x 6 x 18 SRL-C-HD	37747	Louvicourt
PP-332	Zn Regrind Mill Cyclone Feed Pump	AC 8 x 6 x 18 SRL-C-HD		Louvicourt
RP-331	Zn Regrind Mill Clutch Air Receiver		78108	Louvicourt
SP-330	Zn Regrind Sump Pump Base			Fabrication
VE-331	Zn Regrind Mill Motor Air Cooling Unit	Jess HVAC B1P1-18	6/12/1976	Louvicourt

DPO MILL EQUIPMENT LISTING SEPTEMBER 1, 2015

Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
ZINC CLEANER FLOTATION				
AG-471	Zn 3rd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-472	Zn 3rd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-473	Zn 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-474	Zn 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-475	Zn 2nd Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-481	Zn 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-482	Zn 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-483	Zn 1st Cleaner Flotation Cell Agitator	Outokumpu		Louvicourt
AG-484	Zn Cleaner Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-485	Zn Cleaner Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
AG-486	Zn Cleaner Scavenger Flotation Cell Agitator	Outokumpu		Louvicourt
BP-471	Zn Final Concentrate Pump Box			Louvicourt
BP-486	Zn Cleaner Scavenger Tails Pumpbox			Louvicourt
CF-471	Zn 3rd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-10	Louvicourt
CF-472	Zn 3rd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-11	Louvicourt
CF-473	Zn 2nd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-7	Louvicourt
CF-474	Zn 2nd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-8	Louvicourt
CF-475	Zn 2nd Cleaner Flotation Cell	5 m ³ (Outokumpu)	754589-0-9	Louvicourt
CF-481	Zn 1st Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-5	Louvicourt
CF-482	Zn 1st Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-6	Louvicourt
CF-483	Zn 1st Cleaner Flotation Cell	8 m ³ (Outokumpu)	754499-0-7	Louvicourt
CF-484	Zn Cleaner Scavenger Flotation Cell	8 m ³ (Outokumpu)	754499-0-8	Louvicourt
CF-485	Zn Cleaner Scavenger Flotation Cell	8 m ³ (Outokumpu)	754499-0-9	Louvicourt
CF-486	Zn Cleaner Scavenger Flotation Cell	8 m ³ (Outokumpu)	754499-0-10	Louvicourt
EC-718A	Zn Cleaner Scavenger Tails Thief Sampler	Pressure (thief 6")		NEW
EC-718B	Zn Cleaner Scavenger Tails Thief Sampler	Pressure (thief 6")		NEW
EC-719	Zn 3rd Cleaner Concentrate In-line Sampler	In Line (6")		NEW
EC-720A	Zn Final Concentrate Thief Sampler	Pressure (thief 6")		NEW
EC-720B	Zn Final Concentrate Thief Sampler	Pressure (thief 6")		NEW
PE-470	Zn Cleaning Area Sump Pump	RNE 25 HP		Louvicourt
PP-471	Zn Final Concentrate Pump	AC 8 x 6 x 18 SRL-C-HD	37748	Louvicourt
PP-472	Zn Final Concentrate Pump	AC 8 x 6 x 18 SRL-C	42277	Louvicourt
PP-473	Zn 2nd Cleaner Concentrate Tank Pump	Metso VF100		NEW
PP-474	Zn 2nd Cleaner Tailings Pump	Metso VF80		NEW
PP-481	Zn 1st Cleaner Concentrate Tank Pump	Metso VF100		NEW

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PP-482	Zn Cleaner Scavenger Concentrate Tank Pump	Metso VF80		NEW
PP483	Zn Regrind Feed Pump	Allis Chalmers 8 X 6 X1 8 SRL		NEW
PP484	Zn Regrind Feed Pump	Allis Chalmers 5 X 4 X 14 SRL		NEW
PP-486	Zn Cleaner Scavenger Tails Pump	AC 5 x 4 x 14 SRL-C		Louvicourt
PP-487	Zn Cleaner Scavenger Tails Pump	AC 5 x 4 x 14 SRL-C	27419	Louvicourt
SP-470	Zn Cleaning Area Sump Pump Base			Fabrication

DPO MILL EQUIPMENT LISTING SEPTEMBER 1, 2015

Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
COPPER CONC DEWATERING & FILTRATION				
AG-601	Cu Concentrate Filter Feed Tank Agitator	Robbins Myers: 1060FRT60	93BO4803A	Louvicourt
BA-631	Concentrate Loadout Truck Scale			Louvicourt?
BP-601	Cu Concentrate Thickener Overflow Standpipe			NEW
BP-608	Cu Filtrate Pump Box			NEW
EP-601	Cu Concentrate Thickener Tank	New - Fabrication		
EP-602	Cu Concentrate Thickener Rakes and Mechanisms	Westpro TH35HC		
FP-601	Cu Concentrate Pressure Filter	PF32/38 AH1	20029331	Louvicourt
FP-602	Cu Concentrate Pressure Filter	PF32/38 AH1	20029332	Louvicourt
LA-602	Pressure Washer	MS S3042EE	JJE000134	Louvicourt
PC-601	Pressure Filter Control Panel			Louvicourt
PC-602	Pressure Filter Control Panel			Louvicourt
PE-600	Cu Thickener Area Sump Pump	RNE Model 100MS/900/250	13090025	NEW
PH-601	Pressure Filter Hydraulic Unit			Louvicourt
PH-602	Pressure Filter Hydraulic Unit			Louvicourt
PP-601	Cu Concentrate Thickener Underflow Pump	WEMCO RPP 080 FM		
PP-602	Cu Concentrate Thickener Underflow Pump	WEMCO RPP 080 FM		
PP-603	Cu Concentrate Filter Feed Pump	5" x 4" x 14" SRL-CHD	42157	Louvicourt
PP-604	Cu Concentrate Filter Feed Pump	5" x 4" x 14" SRL-CHD	42157-1	Louvicourt
PP-605	Cu Filtrate Pump	AC 8 x 6 x 18 SRL-C		Louvicourt
PP-607	Cu Concentrate Thickener Overflow Pump	AC 5 x 4 x 14 SRL-C		Louvicourt
PP-619	Filters cloth wash booster pump	KSB: G-032-200 G10		
PP-621	Pressure Filter Wash Pump (booster)	KSB: G-032-200 G10		
PR-601	Filter Area Overhead Crane	XL300 /NR264898	NR264898	Louvicourt
PT-601	Pressing Water Pump			Louvicourt
PT-602	Pressing Water Pump			Louvicourt
RE-601	Cu Concentrate Filter Feed Tank	8.5 m x 7.0 m high		NEW
RE-602	Cu Filtrate Release Tank			Louvicourt
RE-603	Cu Filtrate Release Tank			Louvicourt
RE-605	Cu Concentrate Thickener Feed Box			
RE-607	Pressing Water Head Tank			Louvicourt
RE-608	Pressing Water Head Tank			Louvicourt
RP-601	Air Receiver	18 m ³ (2.4 m x 4.0 m H)	DV-1001-4	Louvicourt
RP-602	Air Receiver	18 m ³ (2.4 m x 4.0 m H)	DV-1001-5	Louvicourt
SP-600	Cu Thickener Area Sump Pump Base			Fabrication
VE-661	Concentrate Loadout Extraction Fan			Louvicourt

DPO MILL EQUIPMENT LISTING SEPTEMBER 1, 2015

Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
ZINC CONC DEWATERING & FILTRATION				
AG-611	Zn Concentrate Filter Feed Tank Agitator	PROCHEM (R&M) 750FRT30	93BO4804A	Louvicourt
BP-611	Zn Concentrate Thickener Overflow Standpipe			NEW
BP-617	Zn Filtrate Pump Box			NEW
EP-611	Zn Concentrate Thickener Rakes and Mechanism	Outokumpu T93-4631		Louvicourt
EP-612	Zn Concentrate Thickener Tank	10,7 m Ø		New - Fabrication
FP-611	Zn Concentrate Pressure Filter	PF32/38 AH1	418	Louvicourt
FP-612	Zn Concentrate Pressure Filter	PF32/38 AH1	20029333	Louvicourt
PC-601	Pressure Filter Control Panel			Louvicourt
PC-602	Pressure Filter Control Panel			Louvicourt
PE-610	Zn Concentrate Thickener Area Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PH-601	Pressure Filter Hydraulic Unit			Louvicourt
PH-602	Pressure Filter Hydraulic Unit			Louvicourt
PP-611	Zn Concentrate Thickener Underflow Pump	Waukesha SP 65		
PP-612	Zn Concentrate Thickener Underflow Pump	Waukesha SP 65		
PP-613	Zn Concentrate Filter Feed Pump	5" x 4" x 14" SRL-CHD	42158	
PP-614	Zn Concentrate Filter Feed Pump	5" x 4" x 14" SRL-CHD	42160	
PP-615	Zn Filtrate Pump	AC 8 x 6 x 18 SRL-C		Louvicourt
PP-617	Zn Concentrate Thickener Overflow Pump	AC 5 x 4 x 14 SRL-C		Louvicourt
PP-631	Pressure Filter Wash Pump (booster)	KSB: G-032-200 G10		new
PT-611	Pressing Water Pump			Louvicourt
PT-612	Pressing Water Pump			Louvicourt
RE-606	Zn Concentrate Thickener Feed Box			
RE-609	Pressing Water Head Tank			Louvicourt
RE-610	Pressing Water Head Tank			Louvicourt
RE-611	Zn Concentrate Filter Feed Tank	6.0 m x 7.0 m high		NEW
RE-612	Zn Filtrate Release Tank			Louvicourt
RE-613	Zn Filtrate Release Tank			Louvicourt
RP-611	Air Receiver	18 m ³ (2.4 m x 4.0 m H)	DV-1001-2	Louvicourt
RP-612	Air Receiver	18 m ³ (2.4 m x 4.0 m H)	DV-1001-3	Louvicourt
SP-610	Zn Concentrate Thickener Area Sump Pump Base			Fabrication
VE-662	Concentrate Loadout Extraction Fan			Louvicourt

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
PROCESS SERVICES				
AA-701	Instrument Air Dryer	Atlas Copco FD90	CAQ053538	Louvicourt
CM-701	Instrument Air Compressor	Atlas Copco GA37	A11 300477	Louvicourt
CO-601	Air Compressor (Plant/Mine)			Used Equipment
CO-602	Air Compressor (Plant/Mine)			Used Equipment
CO-603	Air Compressor (Plant/Mine)			Used Equipment
CO-604	Air Compressor (Plant/Mine)			Used Equipment
CO-605	Air Compressor (Plant/Mine) (Future)			Used Equipment
FA-401	Flotation Air Blower Intake Filter			Louvicourt
FA-402	Flotation Air Blower Intake Filter			Louvicourt
PR-403	Blowers Monorail Hoist	Cap 2 tonne		Louvicourt
RP-001	Plant Air Receiver		DV-1001-1	Louvicourt
RP-701	Instrument Air Receiver		61488	Louvicourt
SO-401	Flotation Air Blower	Co-Vent CD2-6050	CD2-6050-153-01	Louvicourt
SO-402	Flotation Air Blower	Co-Vent CD2-6050	CD2-6050-153-02	Louvicourt
UD-599	Wet Scrubber - Reagents Area			Louvicourt
UD-801	Wet Scrubber - Assay Laboratory	EHU-703		Louvicourt
UD-802	Wet Scrubber - Assay Laboratory			Louvicourt
VE-599	Scrubber Fan			
VE-801	Scrubber Fan			Louvicourt
VE-802	Scrubber Fan			Louvicourt

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
REAGENTS PREPARATION & DISTRIBUTION				
AG-511	CuSO ₄ Mix Tank Agitator	Hayward Gordon STX-10	HG303215	NEW
AG-531	AP7279 Holding Tank Agitator	Hayward Gordon GX-11	HG 303216	NEW
AG-551	A3418 Holding Tank Agitator	Hayward Gordon GX-11	HG 303217	NEW
AG-561	PAX Mix Tank Agitator	Hayward Gordon GX-11	HG303218	NEW
AG-571	NaHS Mix Tank Agitator	Hayward Gordon STX-10	HG303219	NEW
AG-581	Flocculant tank Agitator	Hayward Gordon GX-3		
AG-591	Cyanide Mix Tank Agitator	Hayward Gordon STX-10	HG303220	NEW
AG-596	SIBX Mix Tank Agitator	Hayward Gordon GX-11	HG303221	NEW
DU-001	Safety Shower/Eye Wash Station (Reagents Area)			Louvicourt
DU-002	Safety Shower/Eye Wash Station (Flotation Area)			Louvicourt
DU-003	Safety Shower/Eye Wash Station (Concentrate Area)			Louvicourt
DU-004	Safety Shower/Eye Wash Station (Grinding Area)			Louvicourt
DU-006	Safety Shower/Eye Wash Station (Backfill Plant Area)			Louvicourt
DU-007	Safety Shower/Eye Wash Station (Reagents Area)			Louvicourt
DU-008	Safety Shower/Eye Wash Station (Binder Area)			Louvicourt
ME-581	Automatic Flocculant Mixing System		10036	Louvicourt
PD-521	DF250 Metering Pump	Gala G/4b 1201 NP3 000D21000	C7970531	Louvicourt
PD-522	DF250 Metering Pump	Gala G/4B 0803 NP3 000D21000	C7970544	New
PD-523	DF250 Metering Pump	Gala G/4B 0803 NP3 000D21000	C7970545	New
PD-524	DF250 Metering Pump	Gala G/4b 1201 NP3 000D21000	C7970393	New
PD-525	DF250 Metering Pump	NOT INSTALLED		New
PD-531	AP7279 Metering Pump	Gala 1605TTT060UD003000	2706004193	Louvicourt
PD-532	AP7279 Metering Pump	Gala 1605TTT060UD003000	2706001547	Louvicourt
PD-533	AP7279 Metering Pump	Gala 1605TTT060UD003000	2706004195	Louvicourt
PD-534	AP7279 Metering Pump	NOT INSTALLED		Louvicourt
PD-541	MIBC Metering Pump	Gala G/4B 0803 NP3 000D21000	C7970556	Louvicourt
PD-542	MIBC Metering Pump	Gala G/4B 0803 NP3 000D21000	C7970561	Louvicourt
PD-543	MIBC Metering Pump	Gala G/4b 1601 NP3 000D21000	C27962232	Louvicourt
PD-544	MIBC Metering Pump	Gala G/4b 1201 NP3 000D21000	C27961995	Louvicourt
PD-545	MIBC Metering Pump	Gala G/4b 1601 NP3 000D21000	Unknown	Louvicourt
PD-546	MIBC Metering Pump	Gala G/4B 0803 NP3 000D21000	C7970551	Louvicourt
PD-547	MIBC Metering Pump	Gala 1605TTT060UD003000	2706002799	Louvicourt
PD-548	MIBC Metering Pump	Unknown	C7970591	Louvicourt
PD-550	MIBC Metering Pump	Gala G/4A 1601 PP1 000D21000	C7960211	
PD-551	A3418 Metering Pump	Gala G/4b 1201 NP3 000D21000	C7970526	Louvicourt
PD-552	A3418 Metering Pump	NOT INSTALLED		Louvicourt
PD-553	A3418 Metering Pump	Gala 1605TTT060UD003000	2706002800	Louvicourt

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PD-554	A3418 Metering Pump	Gala G/4B 0803 NP3 000D21000	C7970743	Louvicourt
PD-555	A3418 Metering Pump	Gala G/4b 1201 NP3 000D21000	C7970392	Louvicourt
PD-556	A3418 Metering Pump	Gala 1605TTT060UD003000	2706004186	Louvicourt
PD-561	PAX Distribution Pump			Louvicourt
PD-562	PAX Distribution Pump			Louvicourt
PD-581	Progressive Cavity Pumps (VSD)	2 x 3		Louvicourt
PD-582	Progressive Cavity Pumps (VSD)	2 x 3		Louvicourt
PD-583	Progressive Cavity Pumps (VSD)	2 x 3		Louvicourt
PD-584	Progressive Cavity Pumps (VSD)	2 x 3		Louvicourt
PE-500	Reagent Area Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PE-501	Reagent Area Sump Pump			Louvicourt
PP-501	Lime Transfer Pump			NEW
PP-502	Lime Distribution Pump	Goulds JC 1x1.5-11		Goulds
PP-503	Lime Distribution Pump	Goulds JC 1x1.5-11		Goulds
PP-504	Effluent Treatment Lime Pump	Goulds 3196 1.5x3-8		Goulds
PP-511	CuSO ₄ Distribution Pump	MAGNETIQUE	12362	Louvicourt
PP-512	CuSO ₄ Distribution Pump	MAGNETIQUE	12365	Louvicourt
PP-571	NaHS Distribution Pump			Louvicourt
PP-572	NaHS Distribution Pump			NEW (Price)
PP-591	Cyanide Distribution Pump	POMPE PRICE	12366	Louvicourt
PP-592	Cyanide Distribution Pump	MAGNETIQUE	12367	Louvicourt
PP-596	SIBX Distribution Pump	POMPE PRICE	12369	Louvicourt
PP-597	SIBX Distribution Pump	POMPE PRICE	12371	Louvicourt
RE-102	Grit Box			Louvicourt
RE-103	Lime Dilution Tank			New
RE-501	Lime Holding Tank	5,029 m Ø x 5,88 m H		NEW
RE-511	CuSO ₄ Mix Tank	3,658 m Ø x 2,385 m H		NEW
RE-512	CuSO ₄ Holding Tank	3,658 m Ø x 2,969 m H		NEW
RE-513	CuSO ₄ Feed Hopper			NEW
RE-521	DF250 Holding Tank	0,914 m Ø x 1,037 m H		NEW
RE-531	AP7279 Holding Tank	0,914 m Ø x 1,037 m H		NEW
RE-541	MIBC Holding Tank	1,0 m Ø x 1,5 m H	500-5633	Louvicourt
RE-551	A3418 Holding Tank	0,914 m Ø x 1,037 m H		NEW
RE-561	PAX Mix Tank	0,914 m Ø x 1,113 m H		NEW
RE-562	PAX Holding Tank	1,067 m Ø x 1,393 m H		NEW
RE-563	PAX Feed Hopper			
RE-571	NaHS Mix Tank	2,438 m Ø x 2,563 m H		NEW
RE-572	NaHS Holding Tank	2,845 m Ø x 2,766 m H		NEW
RE-581	Flocculant Mixing Tank			
RE-591	Cyanide Mix Tank	1,93 m Ø x 2,156 m H		NEW
RE-592	Cyanide Storage Tank	2,438 m Ø x 2,512 m H		NEW

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RE-593	Cyanide Feed Hopper			
RE-596	SIBX Mix Tank	1,067 m Ø x 1,318 m H		NEW
RE-597	SIBX Holding Tank	1,067 m Ø x 1,826 m H		NEW
RE-598	SIBX Feed Hopper			
SP-500	Reagent Area Sump Pump Base			Fabrication
SP-501	Reagent Area Sump Pump Base			Fabrication
VS-501	Bin Activator	CD18-3715		Louvicourt

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
TAILINGS DEWATERING & BACKFILL				
AG-951	Backfill Feed Surge Tank Agitator	Hayward Gordon LHX-9S	HG303225	NEW
AG-991	Binder Wetting Tank Agitator	Hayward Gordon GX-3	HG303426	Louvicourt
BA-963	Filtered Tailings Weigh Scale			Louvicourt
BP-911	Final Tailings Pump Box			NEW
CC-963	Filtered Tailings Conveyor	B.I.D. Canada: Job No. 06668	P.O. No.: 2156 OS	NEW
CC-972	Binder Weigh Feeder	K-Tron: 20 kg/hr	930864	Louvicourt
CH-951	Filtered Tailings Chute			Louvicourt
CH-952	Cemented Backfill Screw Mixer Feed Chute			
CV-965	Cemented Backfill Screw Mixer			Louvicourt
CV-971	Binder Transfer Screw			
CV-991	Binder Screw Conveyor			
EP-901	Tailings Thickener Rake and Mecanism	Outokumpu T93-4731		Louvicourt
EP-902	Tailings Thickener Tank	15,25 m Ø		NEW
FD-951	Backfill Disc Filter	GL&V 535 cu. Ft.	12263.1.2 R.H.	Louvicourt
PE-900	Tailings Area Sump Pump	D-3.5-SR-A-1100 x 60		Louvicourt
PE-990	Backfill Area Sump Pump	RNE Model 100ms/900/250		NEW
PE-980	Slag Mixing Area Sump Pump	RNE Model 100ms/900/250		
PH-971	Cemented Backfill Pump Hydraulic Unit			Louvicourt
PP-901	Tailings Thickener Underflow Pump	AC 5 x 4 x 14 SRL-C		Louvicourt
PP-902	Tailings Thickener Underflow Pump	AC 5 x 4 x 14 SRL-C		Louvicourt
PP-911	Final Tailings Pump	Warman 12 x 10 AH		Louvicourt
PP-912	Final Tailings Pump	Warman 12 x 10 AH		Louvicourt
PP-951	Backfill Filter Feed Pump	AC 5 x 4 x 14 SRL-C	42159	Louvicourt
PP-952	Backfill Filter Feed Pump	AC 5 x 4 x 14 SRL-C		Louvicourt
PP-954	Disc Filter Filtrate Seal Pump			Louvicourt
PP-955	Disc Filter Filtrate Seal Pump			Louvicourt
PP-971	Cemented Backfill Pump	Putzmeister KOS 2160 HP	290100262	Louvicourt
PP-991	Binder Slurry Transfer Pump	WEIR: WEMCO RPP 050 FM		NEW
PR-950	Filter Area Overhead Crane	3 tonne		Louvicourt
PR-952	Vacuum Pump Monorail	10 tonne		Louvicourt
PV-960	Disc Filter Vacuum Pump			Louvicourt
RE-901	Thickener Feed Box			NEW
RE-951	Backfill Feed Surge Tank	8,636 m Ø x 8,118 m H.		NEW
RE-960	Disc Filter Filtrate Receiver	GL&V 28 HG Vacuum	12263-3	Louvicourt
RE-961	Vacuum Water Trap	GL&V 28 HG Vacuum	12263-6	GL&V
RE-962	Vacuum Seal Pot			Louvicourt
RE-971	Cemented Backfill Head Box			Louvicourt

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RE-972	Slag Feed Hopper			NEW
RE-991	Binder Wetting Tank			NEW
RP-958	Snap-Blow Air Receiver			Louvicourt
RP-960	Disc Filter Vacuum Pump Silencer			Louvicourt
SI-971	Binder Silo			Louvicourt
SO-951	Truck Unloading Blower	Gardner Denver Duroflow	R00G545	New
SP-900	Tailings Area Sump Pump Base			Fabrication
SP-990	Backfill Area Sump Pump Base			Fabrication
SP-995	Slag Mixing Area Sump Pump Base			
UD-971	Binder Silo Baghouse			Louvicourt

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
WATER SYSTEMS				
PP-131	Process Water Pump	731 PLUS (8 x 6, F4J1 frame)	724580-01-1	
PP-132	Process Water Pump	732 PLUS (8 x 6, F4J1 frame)	724580-01-2	
PP-141	Fire Water Pump	AP Aurora 481BF ; 8-481-17B	06-1328971	NEW
PP-142	Fire Water Jockey Pump	AP Aurora 392-11	06-1328972	NEW
PP-151	Fresh Water Distribution Pump	KSB: G 080-200 G10		
PP-152	Fresh Water Distribution Pump	KSB: G 080-200 G10		
PP-161	Gland Seal Water Pump	KSB: G 050-160 G10		NEW
PP-162	Gland Seal Water Pump	KSB: G 050-160 G10		NEW
PP-163	Gland Water Booster Pump	KSB: G 040-160 G10		NEW
PP-164	Gland Water Booster Pump	KSB: G 040-160 G10		NEW
PT-101	River Water Pump	Peerless		
PT-102	River Water Pump	Peerless		
PT-122	Reclaim Water Pump			NEW
RE-131	Process Water Tank	8,0 m Ø x 11,6 m H		NEW
RE-161	Gland Seal Water Tank	2,5 m Ø x 3,0 m H		NEW

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Equipment Number	Description of Equipment	Size/Model	Serial Number	Supplier
	Cu/Pb ON-STREAM ANALYSER SYSTEM			
	NO OSA AVAILABLE			
PA-700	Cu Flash Concentrate Sample Pump	SPVC 232-2-R-L-HD	80431.18	
PA-701	Cu Flotation Feed Sample Pump	2" x 2" x 10" SRL		
PA-702	Cu Rougher Cleaner Feed Sample Pump	SPVC 232-2		
PA-703	Cu Rougher Cleaner Concentrate Sample Pump	VF50-HD / 10 HP		
PA-704	Cu Cleaning Circuit Feed Sample Pump	SPVC 232-2	80431.3	
PA-705	Cu Scavenger Tailings Sample Pump	SPVC 232-2		
PA-706	Cu Cleaner Scavenger Tailings Sample Pump	SPVC 232-2	80431.5	
PA-707	Cu Circuit Tailings Sample Pump	VF50-HD / 7.5 HP		
PA-708	Cu Third Cleaner Concentrate Sample Pump	SPVC 232-2	80431.6	
PA-709	Cu/Pb Concentrate Sample Pump	SPVC 232-2-R-L-HD	80431.14	
PA-710	Final Cu Concentrate Sample Pump	SPVC 232-2	80431.7	
PA-711	Pb Rougher Concentrate Sample Pump	SPVC 232-2	80431.8	
PA-712	Pb 1st Cleaner Tailings Sample Pump	SPVC 232-2	80431.9	
PA-713	Final Pb Concentrate Sample Pump	SPVC 232-2	80431.1	
PA-714	Zn Rougher Concentrate Sample Pump	SPVC 232-2	80431.11	
PA-715	Zn Rougher Cleaner Concentrate Sample Pump	SPVC 232-2	80431.12	
PA-716	Zn Cleaning Circuit Feed Sample Pump	SPVC 232-2	80431.15	
PA-717	Zn Scavenger Tailings Sample Pump	WARMAN 1.5 x 1 - AH	80431.13	
PA-718	Zn Cleaner Scavenger Tailings Sample Pump	SPVC 232-2	80431.16	
PA-719	Zn Third Cleaner Concentrate Sample Pump	SPVC 232-2	09163-1	
PA-720	Zn Final Concentrate Sample Pump	SPVC 232-2	80431.17	
PA-730	Sample Return Pump	SPVC 232-2-R-L-HD	08043-2	
PA-734	Sample Return Pump	Sala VF50		
PA-736	Sample Return Pump	Sala 304 SPVC		
PA-737	Sample Return Pump	Sala 304 SPVC		
PA-738	Sample Return Pump	Sala VF50		
PA-739	Sample Return Pump	SPVC 232-2-R-L-HD	5046	
PV-701	Samples Vacuum Pump			Louvicourt
PP990	Gorman Rupp Wheel Mounted Diesel Pump (6")	John Deere Diesel		New
PP992	Gorman Rupp Wheel Mounted Diesel Pump (6")	John Deere Diesel	105563	New
PP993	Gorman Rupp Tray Mounted Diesel Pump (6")	Caterpillar Diesel		New
PP994	Gorman Rupp Skid Mounted Diesel Pump (4")	Deutz Diesel	1488021	New
PP995	Gorman Rupp Skid Mounted Diesel Pump (4")	Deutz Diesel	148022	New
EVP901	Slimline Turbo Mist Evaporator			New
EVP902	Slimline Turbo Mist Evaporator			New

**DPO MILL EQUIPMENT LISTING
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EVP903	Slimline Turbo Mist Evaporator		EV30-19464	New
	Allis Chalmers Slurry Pump	8 X 6 X 18		NEW UNUSED
	Goulds Lime Pump Model 3196	2 X 3 X 13	H755F8391	NEW UNUSED
	Goulds Lime Pump Model 3196	2 X 3 X 13		NEW UNUSED
	Goulds Lime Pump Model ST	1 X 1-5 X 11 JC	201300103	NEW UNUSED
	Bredel Hose Pump	Model 65		NEW UNUSED